

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2006/000507

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **H05B 37/02** (2006.01), **H01L 33/00** (2006.01), **G05D 27/02** (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC (2006.01): H05B37/02, H01L33/00, G05D27/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Epodoc, Delphion, Canadian Patent Database. Terms used: light emitting, led, oled, white, red, green, blue, amber, rgb, feedback, sensor, colour temperature, color temperature, cct, indium, gallide, ingan, and others.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0052076 (Mueller et al.) 18 March 2004 (18-03-2004)	1 to 7, 9 to 16
Y	claim 1; claim 3; paragraph 0188	8, 17
Y	US 2003/0107887 (Eberl) 12 June 2003 (12-06-2003) figure 1; paragraphs 0038 to 0041	1 to 17
Y	JP 2002270899 (Yasuo et al.) 20 September 2002 (20-09-2002) abstract	1 to 17
Y	US 6,858,869 (Fujiwara) 22 February 2005 (22-02-2005) abstract	8, 17
A	US 2002/0048177 (Rahm et al.) 25 April 2002 (25-04-2002)	
A	US 6,441,558 (Muthu et al.) 27 August 2002 (27-08-2002)	

Further documents are listed in the continuation of Box C.

See patent family annex.

Special categories of cited documents :	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

4 August 2006 (04-08-2006)

Date of mailing of the international search report

15 August 2006 (15-08-2006)

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Information on patent family members

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